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Accident Investigation Trends - A Safety Management Perspective

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Accident Investigation Trends - A Safety Management Perspective

International Workshop on Human
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Accident Investigation - Critical Element of MMS Safety

- Types of Investigations
- Root Cause Oriented
- Identifies Trends
- Identifies Potential Problems



MMS Reaction to Trends

- Safety Alerts
- Regulatory Review
- Inspection Modification
- Actions Specific to Operator



Trends Revealed in Recent Fatal Accident Investigations

- Human Factors
- Coincidental Injuries
- Day-to-Day Tasks
- Lack of Procedural Guidelines/Communications
- Management System Failures



Lack of Procedural Guidelines in Routine Tasks - Why?

- Complacency - Success
- Reliance on:
 - Pre-Job Safety Meetings
 - Safety Handbooks/Work Practices
 - General Training - T2
 - Corporate Safety Plan
- Non-uniformity of Task Steps
- No Systematic Management Policy on Hazardous Task Identification



Best Procedures Result from JHA/JSA

- JSA - Systematic Way of Dealing with Hazards
 - List Task Elements/Steps
 - Identify Hazards in Each Step
 - Precautions Taken to Deal with Hazards
- Types of JSA
 - Produced at Pre-Job Safety Meeting
 - Produced at Management Level
- Problem - No Systematic Way of Identifying Tasks to Subject to JSA



Management Responsibility

- Provide the Safest Environment
- Identifying Hazards
 - Reactively
 - Proactively
- Contractors
 - Review Safety Plan
 - Monitor Performance
 - Force a JSA Mentality



Contact Information

- Safety Alerts & Panel Reports
 - www.mms.gov/offshoresafety/
- Accident Stats
 - www.mms.gov/stats/OCSincident.htm
- Public Information Office (2010 reports)
 - 1-800-200-GULF
 - 504-736-2519



Contact Information Cont'd

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Contact Information Cont'd

- MMS Article in Oil & Gas Journal -
October 23, 2000 - *MMS investigation
provides insights*



Thank You

